

Product data sheet Characteristics

LADN116P

Auxiliary contact block, TeSys Deca, 1NO + 1NC, front mounting, lugs-ring terminals, EN 50012



Main		
Range	TeSys	
Product name	TeSys Deca	
Product or component type	Auxiliary contact block	
Device short name	LADN	
Range compatibility	TeSys D LC1D80004D115004 TeSys F LC1F TeSys F CR1F TeSys Deca LC1D80004D115004	or use thereof.
Mounting location	Front	ation o
Pole contact composition	1 NO + 1 NC	ic applica
Contacts operation	Instantaneous	specif
[Ue] rated operational voltage	690 V AC 25400 Hz	nerein. tions. elevant s
[le] rated operational current	6 A at 120 V AC-15 1.04 A at 690 V AC-15 0.55 A at 125 V DC-13 0.1 A at 600 V DC-13	ucts contained I fic user applical respect to the r ontained herein
[Ui] rated insulation voltage	690 V conforming to IEC 60947-5-1 600 V conforming to UL 60947-5-1 600 V conforming to CSA C22.2 No 60947-5-1	e of the products for specion or specion conformation con
[lth] conventional free air thermal current	10 A (at 60 °C)	formance se produ g of the p
Standards	Instantaneous 690 V AC 25400 Hz 6 A at 120 V AC-15 1.04 A at 690 V AC-15 0.55 A at 125 V DC-13 0.1 A at 600 V DC-13 690 V conforming to IEC 60947-5-1 600 V conforming to UL 60947-5-1 600 V conforming to CSA C22.2 No 60947-5-1 10 A (at 60 °C) EN/IEC 60947-5-1 UL 60947-5-1 CSA C22.2 No 60947-5-1 GB/T 14048.5 EN 50012 IECEE CB Scheme[RETURN]UL[RETURN]CSA[RETURN]CCC[F 60947-5-1 60947-5-1 60947-5-1 60947-5-1 619947-5-1 619947-5-1 619947-5-1 619947-5-1 619947-5-1 619947-5-1 619947-5-1 619947-5-1 619947-5-1 619947-5-1 619947-5-1	racteristics of the performance of the products contained herein. Illy or reliability of these products for specific user applications. evaluation and testing of the products with respect to the relevant specific application or use thereof le or liable for misuse of the information contained herein.
Product certifications	IECEE CB Scheme[RETURN]UL[RETURN]CSA[RETURN]CCC[F	echnical charaning editabili sk analysis, ev be residensible
140 A AC conforming to IEC	60047.5.1	ns and/or t for deterr omplete ri aries shall
250 A DC conforming to IEC	60947-5-1	riptior used and c ubsidia
100 A 60 °C 1 s 120 A 60 °C 500 ms 140 A 60 °C 100 ms		general desc id is not to be appropriate affiliates or su
GG fuse 10 A		ntains for ar rm the of its a
30 Mcycles		n cor titute perfor any o
5 mA		ntatio subs or to S nor
17 V		cume l as a egrat es SA
1.5 Ms on de-energisation no overlap between NC and NO contact 1.5 ms on energisation no overlap between NC and NO contact		n this do intended ser or int Industrie
> 10 MOhm		ided i s not uch u ectric
Lugs-ring terminals (external diameter: 8 mm)		
1.7 N.M - with screwdriver flat Ø 6 mm M3.5 1.7 N.M - with screwdriver Philips No 2 M3.5 1.7 N.m - with screwdriver pozidriv No 2 M3.5		The information provided in this documentation contains gene. This documentation is not intended as a substitute for and is it is the duty of any such user or integrator to perform the app. Neither Schneider Electric Industries SAS nor any of its affilial.
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Complementary

Irms rated making capacity	140 A AC conforming to IEC 60947-5-1	
3 44 / 44 3	250 A DC conforming to IEC 60947-5-1	
Permissible short-time rating	100 A 60 °C 1 s	
	120 A 60 °C 500 ms	
	140 A 60 °C 100 ms	
Protection type	GG fuse 10 A	
Mechanical durability	30 Mcycles	
Minimum switching current	5 mA	
Minimum switching voltage	17 V	
Non-overlap time	1.5 Ms on de-energisation no overlap between NC and NO contact	
	1.5 ms on energisation no overlap between NC and NO contact	
Insulation resistance	> 10 MOhm	
Connections - terminals	Lugs-ring terminals (external diameter: 8 mm)	
Tightening torque	1.7 N.M - with screwdriver flat Ø 6 mm M3.5	
	1.7 N.M - with screwdriver Philips No 2 M3.5	
	1.7 N.m - with screwdriver pozidriv No 2 M3.5	

Height	48 mm	
Width	26 mm	
Depth	42 mm	

Environment

Environmental characteristic	Normal environment
IP degree of protection	IP20 conforming to IEC 60529
Protective treatment	TH conforming to IEC 60068
Ambient air temperature for storage	-6080 °C
Ambient air temperature for operation	-560 °C
Operating altitude	3000 m

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	

Offer Sustainability

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Sustainable offer status	Green Premium product	
REACh Regulation	REACh Declaration	
REACh free of SVHC	Yes	
EU RoHS Directive	Compliant EEU RoHS Declaration	
Toxic heavy metal free	Yes	
Mercury free	Yes	
China RoHS Regulation	China RoHS Declaration	
RoHS exemption information	€Yes	

Contractual warranty

Warranty	18 months	